

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Evening Ct.

SEPTIC TANK LEVEL OK CLEANOUTS 1 on tank, 3 cleanouts on line to dbb.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH $\frac{1 \times 40}{1 \times 100} \frac{1 \times 36}{1 \times 70} \frac{1 \times 48}{1 \times 70} \frac{1 \times 70}{1 \times 70}$ FT. → 294'

NUMBER OF TRENCHES 5 ONE SIDEWALL/BOTTOM AREA 882 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 7-7-97 house conn. made, OK to cover all work (KM)

7-8-97 P.A. 4.5' below grade, casing 1.5' above grade, has 2 piece cap

WPI OK to cover well line (KM)

DATE SYSTEM APPROVED 7-7-97

INSPECTOR

Kimberly Mair

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 37775

P _____

DISTRICT _____

DATE 10/9/86
June 30, 1986

*10/29/86
perc OK'd
perc approved
perc
perc*

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Conrad J. and Patricia Langenfelder Martha V. Langenfelder
11904 Clarksville Road 5511 Hamilton Avenue
ADDRESS Clarksville, Maryland 21029 PHONE Baltimore, Maryland 21206

PROPERTY LOCATION: SURYAKANT M. DATEI 16 Final
SUBDIVISION Langenfelder Farm CLEARVIEW EST. SEC. 1 LOT NO. LOT 1 not Prelim.

ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane 11918 EVENING COURT

SIZE OF LOT 3.2 AC. TYPE BLDG. Residential
(NUMBER OF BEDROOMS) _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Steven M. Muma
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

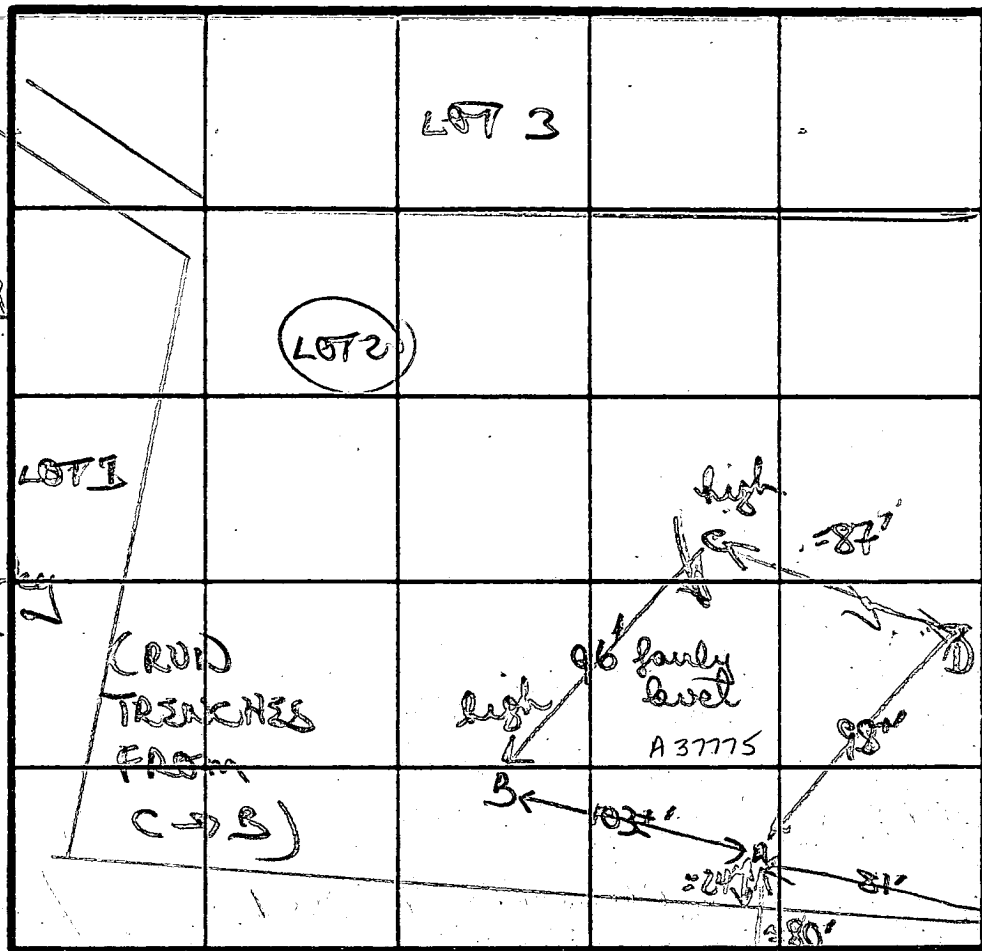
REASONS FOR REJECTION OR HOLDING for field located septic holes

BLDG. PERMITS SIGNED
AND RETURNED 4-24-87
Serial # BR105739
SFD-4/8/86

THIS IS NOT A PERMIT

A 37775

(D)



brown, gritty
silty loam
mix
-3'
fine gravelly
to brown
silty loam
w/ few small
frags 4-6'

12'D

X 6 min
180 A/B
INLET 4"
BOTTOM 6"

50' Easement
LOT corner

B
SOIL PROFILE

red/orange
brown gritty
chunky
sandy clay
-4 1/2'
orange/
brown
powdery/chunky
silty loam
mix
↓

(A) 12'D

red/orange
gritty/chunky
sandy/clay
loam
-4'
to fine
powdery to
brown silty
loam
15% med 8
frags sand-
stone w/

11'D

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/29/86	B	4'5"	342	353	353	410	17 min	
		12'D	both (see profile)					
	A	4'5"	345	350	350	359	9 min	
		11'8" M	345	346	346	348	20 min	
		11'D	both (see profile)					
	D	4'5"	354	356	356	359	3 min	
		8' M	354	355	355	356	1 min	
		12'D	both (see profile)					
	C	4'5"	401	402	402	405	1 min	
		12'D	both (see profile)					

similar
to hole D



12'D

REMARKS: Dug as staked. Soils generally uniform. Can extend perc field out between C & B if needed

TESTED BY: B. Noyon ALSO PRESENT: Jane Webb

EM 12 10/81

APPLICATION

12/15/87
1:30 PM

PERCOLATION TESTING

A 40341

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 54

DATE 10-21-87

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER RANDALL CONSTRUCTION Co. INC. Williams Rockville Division
5501 THIN KNOLL'S RD. SUITE 102
ADDRESS COLUMBIA, MARYLAND 21045 PHONE 964-1777

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION CLEARVIEW ESTATES LOT NO. #15 on Final

ROAD AND DESCRIPTION ON THE WEST SIDE OF MD. ROUTE 108 ACROSS FROM
TROTTEL ROAD (11902 EVENING COURT)

TAX MAP 29+35 PARCEL # 39+40

SIZE OF LOT 0.73 ACRES TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.
R. Stever
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

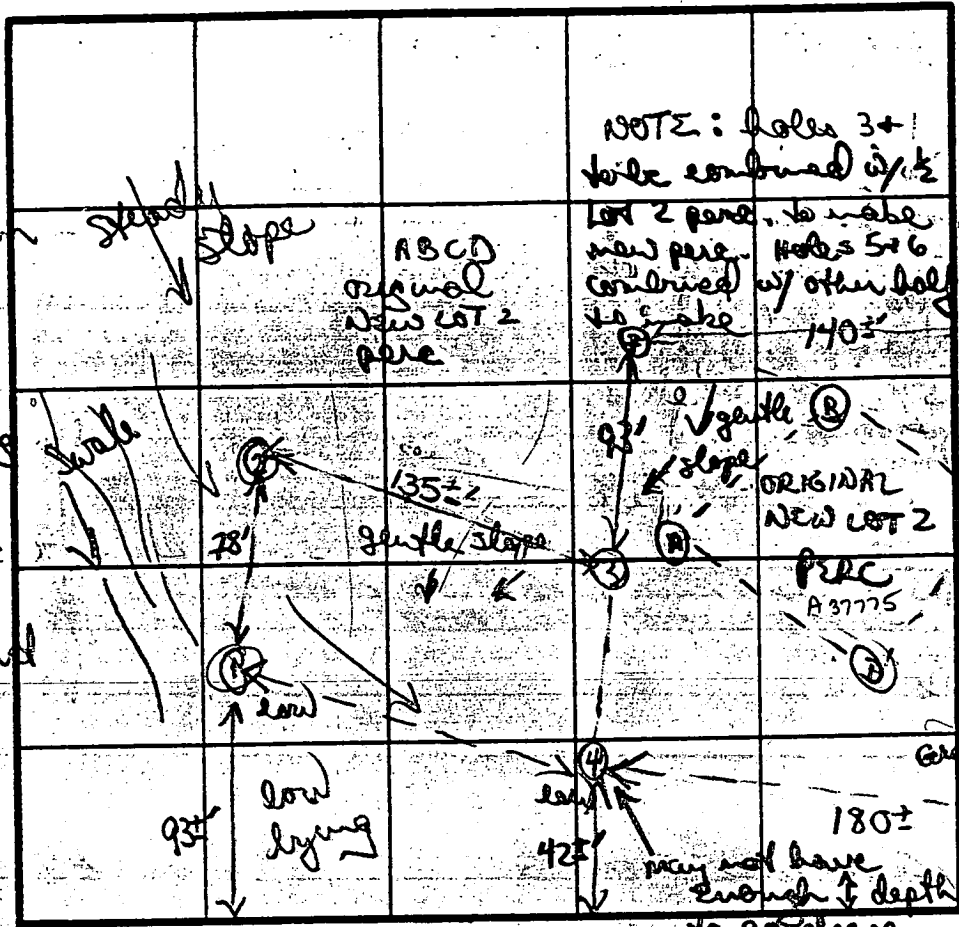
BLDG. PERMIT SIGNED
AND RETURNED 5/19/92
Serial # 42606 - SFD - 4 Bedon

THIS IS NOT A PERMIT

A40341

SOIL PROFILE

orange brown
yellow
cheater clay
H₂O standing
are patches
of grey
mottled
soils in dust
pile



④
brown/orange
cheater clay
heavy 4 1/2
clay/gravel
5 1/2'
to brown
orange clay
silty loam
180±
185±
ground gets
higher
end of
prop!

②
orange/yellow
clay (heavy)
3 1/2'

INDICATE NORTH NAME ADJOINING ROADWAY AS BASELINE
R12 108

red/orange
white/orange
rock frags
25-30%
w/ dark grey
silty loam
stopped by
120 8 1/2 - 9'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/17/87	①	H ₂ O 3'	NOT TESTED				failed	
	②	Rock 4-8'	H ₂ O 8 1/2 - 9'				failed	
	③	5' 5"	1150	1202	1202	1221	9 min	
		13 1/2'	bottom (see profile)					
	④	5' 5"	1148	STOPPED 1 hour - little perc			failed	
		13' 1/2"	bottom (H ₂ O 13')					
	⑤	4+5	105	110	110	120	11 min	
		8 min	101	105	105	112	7 min	
		12-13'	bottom (hard) see profile					
	⑥	3 1/2"	138	140	140	143	3 min	
		7 1/2"	140	142	142	144	2 min	
		13' 0"	bottom (see profile)					

MOVED BETTER THAN EXPECTED

③
Red/orange
clay (heavy 3 1/2')
clay loam 4'
change to
tan silty
loam 5-5 1/2'
uniform

REMARKS: creating overall perc. area large enough to be split into 2 areas (assuming engineering possible)
Variety: cheater loam/sandy, orange/brown silty sandy soils

TESTED BY: B Nifan
ALSO PRESENT: Randy R. RLO digger

⑥
brown/orange 2 1/2
to mostly
brown w/
patches
orange to
silty loam
13'

A 40341 / A 37775 ✓

LOT 1 Clearview East
12/17/87 RTE 108

⑤

Red/orange clays (heavy 3 1/2 - 4')

orange / to tan orange brown
clay sandy / silty mixes



hard bottom patches 12-13'

} patches of moderate clay
cut based on pore in upper
shell, sufficient sand to
improve absorption

✓
⑦

red/orange brown

clay heavy (3 1/2 - 4') w/ few
small gravelly frags ~

to orange red pretty
clay / silty sandy loam

w/ lge rock frag patch

20-25% 6-9', back to

small frags / < 10% 9'

1 1/2' hard

START	STOP	START	STOP	TIME
208	215	215	232	17min

NOTE Appears small perched

H₂O table in heavy frag
area (< 11')

Soils in bottle absorbing

H₂O

B 1	6445	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-94-0576 <small>70 fill in this form completely 79</small>
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OWNER INFORMATION

Date Received (APA) **061695**

PA TEL SUKRYAKANT M
Last Name Owner First Name

12209 SUTTERS LANE
Street or RFD

BOWIE MD 20720
Town State Zip

B 3 LOCATION OF WELL

HOWARD
8 COUNTY

CLEARVIEW EST
23 SUBDIVISION

SECTION LOT **16**

CLARKSVILLE
52 NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) **1** MI

DRILLER INFORMATION CIRCLE: MSD/MGD/MWD

George F. Easterday
Driller's Name License No. **40**

L. F. Easterday Inc
Firm Name

Mt. Airy Md 21771
Address

George F. Easterday 6-15-95
Signature Date

B 4

EVERING CT
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 **100** 37
DISTANCE FROM ROAD

ENTER FT. OR MI **FT**
38 39

TAX MAP: _____ BLK: _____ PARCEL _____

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **5**

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

USE FOR WATER (CIRCLE APPROPRIATE BOX)

D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME

97 37795 COUNTY NO.

STATE SIGNATURE _____ DATE ISSUED **061695** INSERT S

Charles Bryan Street CO SIGNATURE **6/16/96** EXP. DATE

NORTH GRID **506000** EAST GRID **0820000**

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) **JETTED** **Jettéd & DRIVEN**

AIR-ROTARY **AIR-PERCussion** **ROTARY** (Hydraulic Rotary)

CABLE **REVERSE-ROTARY** **DRIVE-POINT**

other _____

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

D THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) _____

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER _____ **G A P** _____

FORCE **C** WRITE INITIALS IN BOX PERMIT No. **HO-94-0576**

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- well**
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

820 29
500 6

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

10:30 Grout 7/17/95
Location mark
Casing 38 1/2
Spun
Grout 10 bags
AP 7/17/95

Clarksville

C1 2714

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A# 37775

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM PERMIT TO DRILL WELL

DATE RECEIVED grid

071795

206 (TO NEAREST FOOT)

H0940576

OWNER: PATEL, SURYAKANT M. STREET OR RFD: EVENING COURT TOWN: CLARKSVILLE SUBDIVISION: CLEARVIEW EST. SECTION: 1 LOT: 16

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, red clay, brown shale, Sand Stone, Mica, etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (10), NO. OF POUNDS (1000), GALLONS OF WATER (50), DEPTH OF GROUT SEAL (0 to 34 ft)

CASING RECORD

MAIN CASING TYPE (ST), Nominal diameter top (main) casing (6 inch), Total depth of main casing (36 feet)

OTHER CASING (if used)

Empty grid for other casing diameter and depth.

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT)

NUMBER OF UNSUCCESSFUL WELLS:

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A (well abandoned and sealed), E (electric log obtained), P (test well converted to production well)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

TYPE: MWD/MSD/MGD

DRILLERS LIC. NO. 040

DRILLERS SIGNATURE: Geny F. Enderby

LIC. NO. MWD 501

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) H034200

Grid for casing height and land surface measurements.

SLOT SIZE 1, 2, 3 DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL-PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

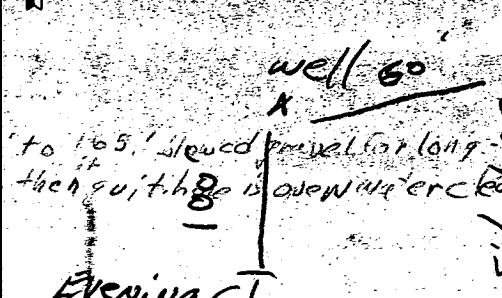
PUMPING TEST

HOURS PUMPED (3), PUMPING RATE (120 gal. per min.), METHOD USED TO MEASURE PUMPING RATE (Buchot), WATER LEVEL (14 ft. before, 35 ft. when pumping), TYPE OF PUMP USED (S - submersible)

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES/NO), TYPE OF PUMP INSTALLED, PLACE (A,C,J,P,R,S,T,O) IN BOX 29, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (+ above, - below), LAND SURFACE (2 feet)

LOCATION OF WELL ON LOT. SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER _____ DATE _____

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

SIGNATURE OF DEVELOPER _____ DATE _____

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION DISTRICT _____ DATE _____

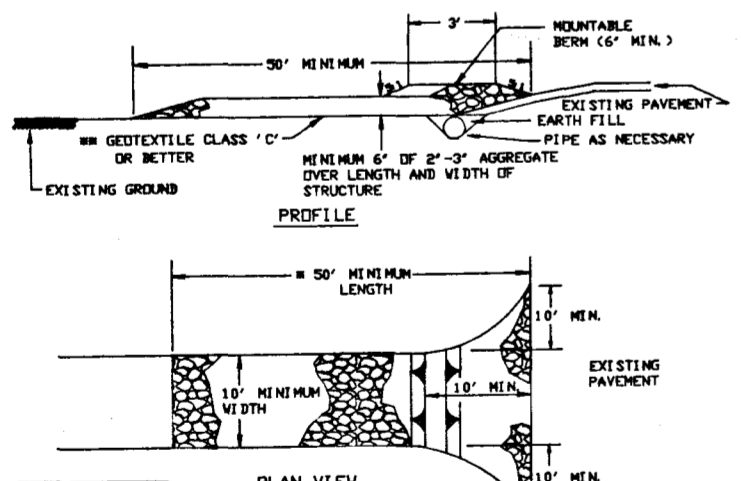
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. APPROVED:

DISTRICT HOWARD SOIL CONSERVATION DIST. _____ DATE _____

SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSING AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (315-1955).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND SPECIFICATIONS HERETO.
- FOLLOWING INITIAL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
 - 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES,
 - AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 50, 500 (SEC. 54), TEMPORARY SEEDING (SEC. 50, AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:

TOTAL AREA OF SITE	3.215 ACRES
AREA TO BE ROOFED OR PAVED	0.83 ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.35 ACRES
TOTAL CUT	200 CU.YDS.
TOTAL FILL	200 CU.YDS.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.



- STANDARD SYMBOL
- Construct on Speed P/C cut on
- Length - minimum of 50' (100' for single residence lots).
 - Width - 10' minimum, should be placed at the existing road to provide a turning radius.
 - Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval, approval by the existing ground prior to placing stone.
 - Stone - crushed aggregate (2" to 3") or recycled red or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
 - Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, and installed on post-tensioned pipe. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm of 24" x 24" concrete and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SDE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
 - Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. The entrance shall be located at the end of the length of the stabilized construction entrance.

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 3672 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461-2855

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
- PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
- AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS

APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (4 LBS./1000 SQ. FT.)

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (0.7 LBS./1000 SQ.FT.) FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 20. PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING OR USE SOD.

MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 6 FEET OR HIGHER, USE 340 GALLONS PER ACRE (6 GAL./1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1986 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDING PREPARATION

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS

APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (4 LBS./1000 SQ.FT.) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.) AND 500 LBS. PER ACRE (11.5 LBS./1000 SQ.FT.) OF 10-20-20 FERTILIZER.

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (1.4 LBS./1000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 20, PROTECT SITE BY OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING; OPTION (2) - USE SOD; OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDED.

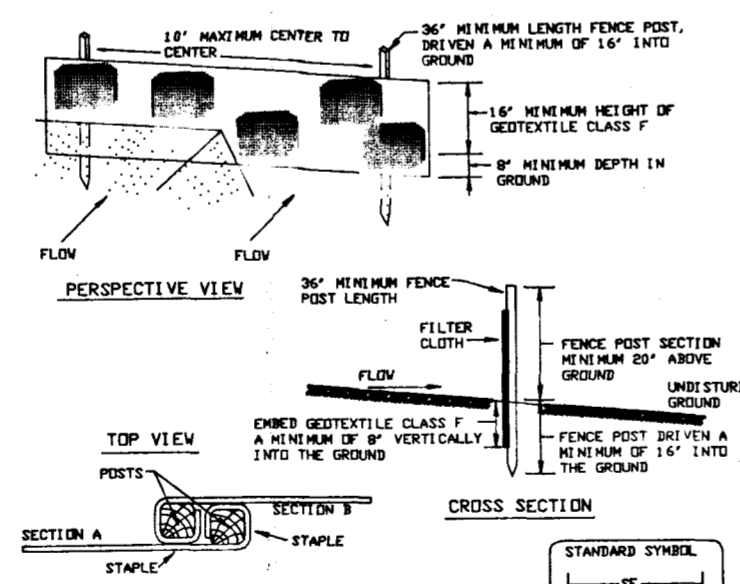
MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 6 FEET OR HIGHER USE 340 GALLONS PER ACRE (6 GAL./1000 SQ.FT.) FOR ANCHORING.

MAINTENANCE

INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

* FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNVECH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.



JOINING TWO ADJACENT SILT FENCE SECTIONS

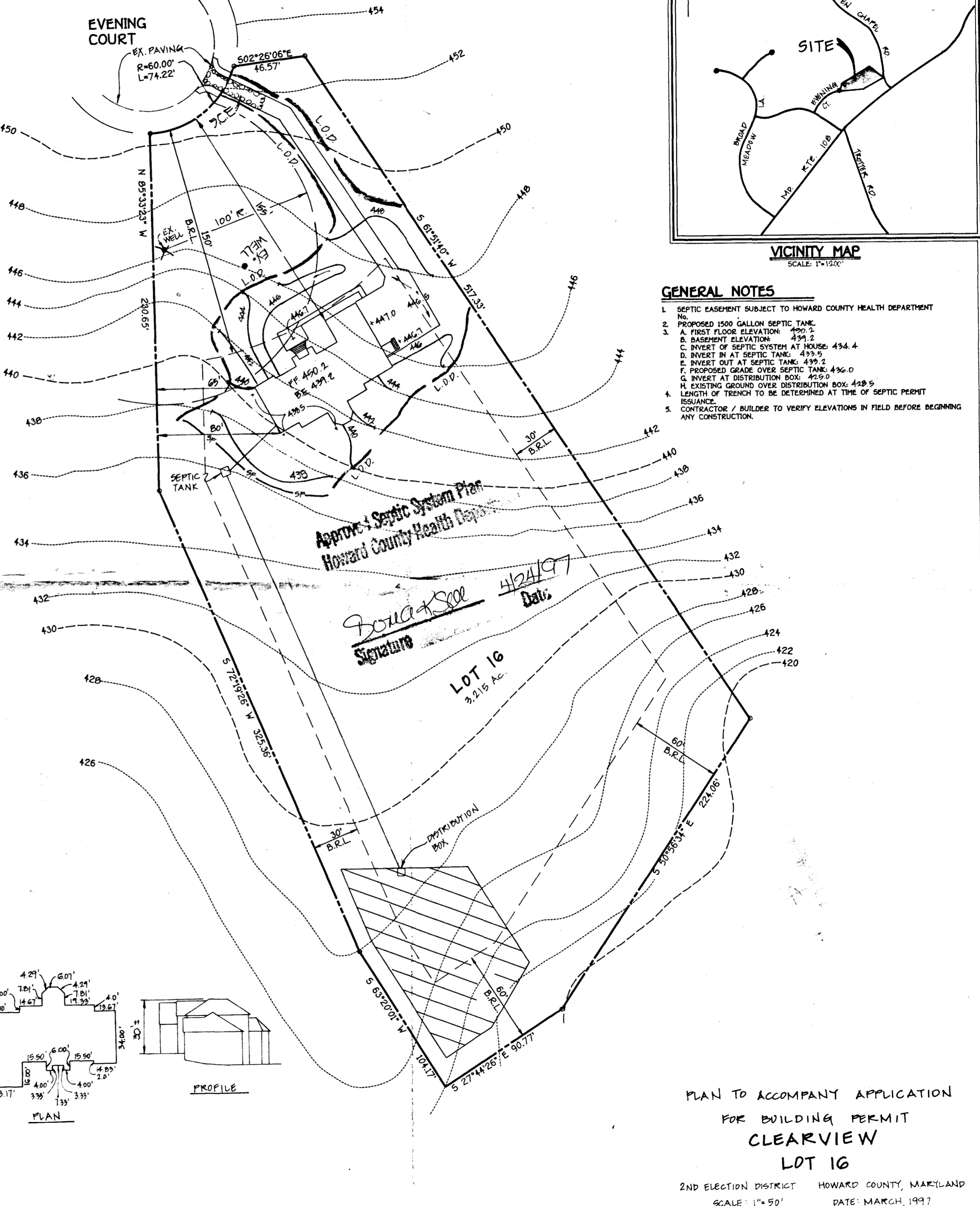
- Fence posts shall be a minimum of 36" long driven 18" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section with girth not less than 1.00 pound per linear foot.
- Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	30 lbs/ft (n.n.)	Tests: MSMT 309
Tensile Modulus	20 lbs/ft (n.n.)	Tests: MSMT 309
Flow Rate	0.3 gal. ft ² /min (max.)	Tests: MSMT 382
Filtering Efficiency	75% (n.n.)	Tests: MSMT 382

- Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
- Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

SILT FENCE

NOT TO SCALE



GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT
- No.
- PROPOSED 1500 GALLON SEPTIC TANK.
 - FIRST FLOOR ELEVATION: 430.2
 - BASEMENT ELEVATION: 431.2
 - INVERT OF SEPTIC SYSTEM AT HOUSE: 434.4
 - INVERT AT SEPTIC TANK: 433.5
 - INVERT OUT AT SEPTIC TANK: 433.2
 - PROPOSED GRADE OVER SEPTIC TANK: 436.0
 - INVERT AT DISTRIBUTION BOX: 425.0
 - EXISTING GROUND OVER DISTRIBUTION BOX: 428.5
- LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

PLAN TO ACCOMPANY APPLICATION
 FOR BUILDING PERMIT
CLEARVIEW
 LOT 16

2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE: MARCH, 1997

